

2-SA-TEC

April 24, 1975

Sample Analysis - N.J. Central Railroad, Newark, N.J. 3/18/75

Chief  
Emergency Response Branch

Two water samples collected from the New Jersey Central Railroad, Newark, N.J. were submitted for analysis. The samples were extracted with benzene, concentrated to 1.5 ml and analyzed by computerized GC/EIMS. Results are as follows:

<u>EPA Lab. Sample No.</u>	<u>Sample No. N.J.D.E.P.</u>	<u>Sample Source</u>	<u>Alkyl phenols</u>	<u>Phthalate esters</u>	<u>Benzo- phenone</u>
42442	48121	Leaching from landfill.	Present	Present	Present
42443	48122	Effluent to Lawyers Creek and Passaic River.	Absent	Present	Present

Except for the presence of alkyl phenols in Sample 42442, the two samples were the same. The alkyl phenols (volatiles) may have weathered or lost by adsorption in Sample 42443.

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